Yoelin, Reducing or Inhibiting Ocular Damage by Hyaluronidase Administration

CLAIMS

1. A method of reducing or eliminating a hyaluronic acid-induced blockage in one or more blood vessels supplying blood to an eye in an individual in need thereof, the method comprising administering a composition comprising a hyaluronidase to the individual in a manner that reduces or eliminates a hyaluronic acid-induced blockage in one or more blood vessels supplying blood to an eye.

2. A method of reducing or inhibiting a vascular occlusion in an eye of an individual in need thereof, the method comprising administering a composition comprising a hyaluronidase to the individual in a manner that reduces or eliminates a hyaluronic acid-induced blockage in one or more blood vessels supplying blood to an eye, thereby reducing or inhibiting the vascular occlusion in the eye.

3. A method of reducing or inhibiting a hyaluronic acid-induced loss of vision in an individual in need thereof, the method comprising administering a composition comprising a hyaluronidase to an individual in a manner that reduces or eliminates a hyaluronic acid-induced blockage in one or more blood vessels supplying blood to an eye, thereby reducing or inhibiting the hyaluronic acid-induced loss of vision in the individual.

4. The method according to any one of claims 1-3, wherein the composition is administered to a suprachoroidal space of the eye.

5. The method according to any one of claims 1-4, wherein the composition is administered using a delivery system.

6. The method according to any one of claims 1-5, wherein the composition comprises the hyaluronidase in a concentration of at least 15 IU/mL, at least 25 IU/mL, at least 50 IU/mL, at least 100 IU/mL, at least 200 IU/mL, at least 300 IU/mL, at least 450 IU/mL, at least 600 IU/mL, at least 900 IU/mL, at least 1,000 IU/mL, at least 1,250 IU/mL, at least 1,500 IU/mL, at least 1,750 IU/mL, at least 2,000 IU/mL, at least 3,000 IU/mL, at least 4,000 IU/mL, at least 5,000 IU/mL, at least 6,000 IU/mL, at least 7,000 IU/mL, at least 8,000 IU/mL, at least 9,000 IU/mL, at least 10,000 IU/mL, at least 11,000 IU/mL, at least 12,000 IU/mL, at least 13,000 IU/mL, at least 14,000 IU/mL, at least 15,000 IU/mL, at least 16,000 IU/mL, at least 17,000 IU/mL, at least 18,000 IU/mL, at least 19,000 IU/mL, or at least 20,000 IU/mL; and/or in an amount of at most 15 IU/mL, at most 25 IU/mL, at most 50 IU/mL, at most 100 IU/mL, at most 200 IU/mL, at most 300 IU/mL, at most 450 IU/mL, at most 600 IU/mL, at most 900 IU/mL, at most 1,000 IU/mL, at most 1,250 IU/mL, at most 1,500 IU/mL, at most 1,750 IU/mL, at most 2,000 IU/mL, at most 3,000 IU/mL, at most 4,000 IU/mL, at most 5,000 IU/mL, at most 6,000 IU/mL, at most 7,000 IU/mL, at most 8,000 IU/mL, at most 9,000 IU/mL, at most 10,000 IU/mL, at most 11,000 IU/mL, at most 12,000 IU/mL, at most 13,000 IU/mL, at most 14,000 IU/mL, at most 15,000 IU/mL, at most 16,000 IU/mL, at most 17,000 IU/mL, at most 18,000 IU/mL, at most 19,000 IU/mL, or at most 20,000 IU/mL; or in an amount of about 15 IU/mL to about 25 IU/mL, about 15 IU/mL to about 50 IU/mL, about 15 IU/mL to about 100 IU/mL, about 15 IU/mL to about 200 IU/mL, about 15 IU/mL to about 300 IU/mL, about 15

IU/mL to about 400 IU/mL, about 15 IU/mL to about 450 IU/mL, about 15 IU/mL to about 600 IU/mL, about 15 IU/mL to about 750 IU/mL, about 15 IU/mL to about 900 IU/mL, about 25 IU/mL to about 50 IU/mL, about 25 IU/mL to about 100 IU/mL, about 25 IU/mL to about 200 IU/mL, about 25 IU/mL to about 300 IU/mL, about 25 IU/mL to about 400 IU/mL, about 25 IU/mL to about 450 IU/mL, about 25 IU/mL to about 600 IU/mL, about 25 IU/mL to about 750 IU/mL, about 25 IU/mL to about 900 IU/mL, about 50 IU/mL to about 100 IU/mL, about 50 IU/mL to about 200 IU/mL, about 50 IU/mL to about 300 IU/mL, about 50 IU/mL to about 400 IU/mL, about 50 IU/mL to about 450 IU/mL, about 50 IU/mL to about 600 IU/mL, about 50 IU/mL to about 750 IU/mL, about 50 IU/mL to about 900 IU/mL, about 100 IU/mL to about 200 IU/mL, about 100 IU/mL to about 300 IU/mL, about 100 IU/mL to about 400 IU/mL, about 100 IU/mL to about 450 IU/mL, about 100 IU/mL to about 600 IU/mL, about 100 IU/mL to about 750 IU/mL, about 100 IU/mL to about 900 IU/mL, about 200 IU/mL to about 300 IU/mL, about 200 IU/mL to about 400 IU/mL, about 200 IU/mL to about 450 IU/mL, about 200 IU/mL to about 600 IU/mL, about 200 IU/mL to about 750 IU/mL, about 200 IU/mL to about 900 IU/mL, about 300 IU/mL to about 450 IU/mL, about 300 IU/mL to about 600 IU/mL, about 300 IU/mL to about 750 IU/mL, about 300 IU/mL to about 900 IU/mL, about 450 IU/mL to about 600 IU/mL, about 450 IU/mL to about 750 IU/mL, about 450 IU/mL to about 900 IU/mL, about 450 IU/mL to about 1,000 IU/mL, about 450 IU/mL to about 1,250 IU/mL, about 600 IU/mL to about 750 IU/mL, about 600 IU/mL to about 900 IU/mL, about 600 IU/mL to about 1,000 IU/mL, about 600 IU/mL to about 1,250 IU/mL, about 600 IU/mL to about 1,500 IU/mL, about 750 IU/mL to about 900 IU/mL, about 750 IU/mL to about 1,000 IU/mL, about 750 IU/mL to about 1,250 IU/mL, about 750 IU/mL to about 1,500 IU/mL, about 750 IU/mL to about 1,750 IU/mL, about 900 IU/mL to about 1,000 IU/mL, about 900 IU/mL to about 1,250 IU/mL, about 900 IU/mL to about 1,500 IU/mL, about 900 IU/mL to about 1,750 IU/mL, about 900 IU/mL to about 2,000 IU/mL, about 1,000 IU/mL to about 1,250 IU/mL, about 1,000 IU/mL to about 1,500 IU/mL, about 1,000 IU/mL to about 1,750 IU/mL, about 1,000 IU/mL to about 2,000 IU/mL, about 1,000 IU/mL to about 3,000 IU/mL, about 1,000 IU/mL to about 4,000 IU/mL, about 1,000 IU/mL to about 5,000 IU/mL, about 1,000 IU/mL to about 6,000 IU/mL, about 1,000 IU/mL to about 7,000 IU/mL, about 1,000 IU/mL to about 8,000 IU/mL, about 1,000 IU/mL to about 9,000 IU/mL, about 1,000 IU/mL to about 10,000 IU/mL, about 2,000 IU/mL to about 3,000 IU/mL, about 2,000 IU/mL to about 4,000 IU/mL, about 2,000 IU/mL to about 5,000 IU/mL, about 2,000 IU/mL to about 6,000 IU/mL, about 2,000 IU/mL to about 7,000 IU/mL, about 2,000 IU/mL to about 8,000 IU/mL, about 2,000 IU/mL to about 9,000 IU/mL, about 2,000 IU/mL to about 10,000 IU/mL, about 2,500 IU/mL to about 3,000 IU/mL, about 2,500 IU/mL to about 4,000 IU/mL, about 2,500 IU/mL to about 5,000 IU/mL, about 2,500 IU/mL to about 6,000 IU/mL, about 2,500 IU/mL to about 7,000 IU/mL, about 2,500 IU/mL to about 8,000 IU/mL, about 2,500 IU/mL to about 9,000 IU/mL, about 2,500 IU/mL to about 10,000 IU/mL, about 3,000 IU/mL to about 4,000 IU/mL, about 3,000 IU/mL to about 5,000 IU/mL, about 3,000 IU/mL to about 6,000 IU/mL, about 3,000 IU/mL to about 7,000 IU/mL, about 3,000 IU/mL to about 8,000 IU/mL, about 3,000 IU/mL to about 9,000 IU/mL, about 3,000 IU/mL to about 10,000 IU/mL, about 4,000 IU/mL to about 5,000 IU/mL, about 4,000 IU/mL to about 6,000 IU/mL, about 4,000 IU/mL to about 7,000 IU/mL, about 4,000 IU/mL to about 8,000 IU/mL, about 4,000 IU/mL to about 9,000 IU/mL, about 4,000 IU/mL to about 10,000 IU/mL, about 5,000 IU/mL to about 6,000 IU/mL, about 5,000 IU/mL to about 7,000 IU/mL, about 5,000 IU/mL to about 8,000 IU/mL, about 5,000 IU/mL to about 9,000 IU/mL, about 5,000 IU/mL to about 10,000 IU/mL, about

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7. The method according to any one of claims 1-6, wherein the amount of the hyaluronidase administered is at least 15 IU, at least 25 IU, at least 50 IU, at least 100 IU, at least 200 IU, at least 300 IU, at least 450 IU, at least 600 IU, at least 900 IU, at least 1,000 IU, at least 1,250 IU, at least 1,500 IU, at least 1,750 IU, at least 2,000 IU, at least 3,000 IU, at least 4,000 IU, at least 5,000 IU, at least 6,000 IU, at least 7,000 IU, at least 8,000 IU, at least 9,000 IU, or at least 10,000 IU; and/or in an amount of at most 15 IU, at most 25 IU, at most 50 IU, at most 100 IU, at most 200 IU, at most 300 IU, at most 450 IU, at most 600 IU, at most 900 IU, at most 1,000 IU, at most 1,250 IU, at most 1,500 IU, at most 1,750 IU, at most 2,000 IU, at most 3,000 IU, at most 4,000 IU, at most 5,000 IU, at most 6,000 IU, at most 7,000 IU, at most 8,000 IU, at most 9,000 IU, or at most 10,000 IU; or in an amount of about 15 IU to about 25 IU, about 15 IU to about 50 IU, about 15 IU to about 100 IU, about 15 IU to about 200 IU, about 15 IU to about 300 IU, about 15 IU to about 400 IU, about 15 IU to about 450 IU, about 15 IU to about 600 IU, about 15 IU to about 750 IU, about 15 IU to about 900 IU, about 25 IU to about 50 IU, about 25 IU

to about 100 IU, about 25 IU to about 200 IU, about 25 IU to about 300 IU, about 25 IU to about 400 IU, about 25 IU to about 450 IU, about 25 IU to about 600 IU, about 25 IU to about 750 IU, about 25 IU to about 900 IU, about 50 IU to about 100 IU, about 50 IU to about 200 IU, about 50 IU to about 300 IU, about 50 IU to about 400 IU, about 50 IU to about 450 IU, about 50 IU to about 600 IU, about 50 IU to about 750 IU, about 50 IU to about 900 IU, about 100 IU to about 200 IU, about 100 IU to about 300 IU, about 100 IU to about 400 IU, about 100 IU to about 450 IU, about 100 IU to about 600 IU, about 100 IU to about 750 IU, about 100 IU to about 900 IU, about 200 IU to about 300 IU, about 200 IU to about 400 IU, about 200 IU to about 450 IU, about 200 IU to about 600 IU, about 200 IU to about 750 IU, about 200 IU to about 900 IU, about 300 IU to about 450 IU, about 300 IU to about 600 IU, about 300 IU to about 750 IU, about 300 IU to about 900 IU, about 450 IU to about 600 IU, about 450 IU to about 750 IU, about 450 IU to about 900 IU, about 450 IU to about 1,000 IU, about 450 IU to about 1,250 IU, about 600 IU to about 750 IU, about 600 IU to about 900 IU, about 600 IU to about 1,000 IU, about 600 IU to about 1,250 IU, about 600 IU to about 1,500 IU, about 750 IU to about 900 IU, about 750 IU to about 1,000 IU, about 750 IU to about 1,250 IU, about 750 IU to about 1,500 IU, about 750 IU to about 1,750 IU, about 900 IU to about 1,000 IU, about 900 IU to about 1,250 IU, about 900 IU to about 1,500 IU, about 900 IU to about 1,750 IU, about 900 IU to about 2,000 IU, about 1,000 IU to about 1,250 IU, about 1,000 IU to about 1,500 IU, about 1,000 IU to about 1,750 IU, about 1,000 IU to about 2,000 IU, about 1,000 IU to about 3,000 IU, about 1,000 IU to about 4,000 IU, about 1,000 IU to about 5,000 IU, about 1,000 IU to about 6,000 IU, about 1,000 IU to about 7,000 IU, about 1,000 IU to about 8,000 IU, about 1,000 IU to about 9,000 IU, about 1,000 IU to about 10,000 IU, about 2,000 IU to about 3,000 IU, about 2,000 IU to about 4,000 IU, about 2,000 IU to about 5,000 IU, about 2,000 IU to about 6,000 IU, about 2,000 IU to about 7,000 IU, about 2,000 IU to about 8,000 IU, about 2,000 IU to about 9,000 IU, about 2,000 IU to about 10,000 IU, about 2,500 IU to about 3,000 IU, about 2,500 IU to about 4,000 IU, about 2,500 IU to about 5,000 IU, about 2,500 IU to about 6,000 IU, about 2,500 IU to about 7,000 IU, about 2,500 IU to about 8,000 IU, about 2,500 IU to about 9,000 IU, about 2,500 IU to about 10,000 IU, about 3,000 IU to about 4,000 IU, about 3,000 IU to about 5,000 IU, about 3,000 IU to about 6,000 IU, about 3,000 IU to about 7,000 IU, about 3,000 IU to about 8,000 IU, about 3,000 IU to about 9,000 IU, about 3,000 IU to about 10,000 IU, about 4,000 IU to about 5,000 IU, about 4,000 IU to about 6,000 IU, about 4,000 IU to about 7,000 IU, about 4,000 IU to about 8,000 IU, about 4,000 IU to about 9,000 IU, about 4,000 IU to about 10,000 IU, about 5,000 IU to about 6,000 IU, about 5,000 IU to about 7,000 IU, about 5,000 IU to about 8,000 IU, about 5,000 IU to about 9,000 IU, about 5,000 IU to about 10,000 IU, about 6,000 IU to about 7,000 IU, about 6,000 IU to about 8,000 IU, about 6,000 IU to about 9,000 IU, about 6,000 IU to about 10,000 IU, about 7,000 IU to about 8,000 IU, about 7,000 IU to about 9,000 IU, about 7,000 IU to about 10,000 IU, about 8,000 IU to about 9,000 IU, about 8,000 IU to about 10,000 IU, or about 9,000 IU to about 10,000 IU.

8. The method according to any one of claims 1-7, wherein the composition is administered as a single dose or in multiple doses.

9. The method according to any one of claims 1-8, wherein the composition is administered in a volume of at least 5 µL, at least 10 µL, at least 20 µL, at least 30 µL, at least 40 µL, at least 50 µL, at least 75

μL, at least 100 μL, at least 200 μL, at least 300 μL, at least 400 μL, or at least 500 μL; and/or in a volume of at most 5 μL, at most 10 μL, at most 20 μL, at most 30 μL, at most 40 μL, at most 50 μL, at most 75 μL, at most 100 μL, at most 200 μL, at most 300 μL, at most 400 μL, or at most 500 μL; or in a volume of about 5 μL to about 25 μL, about 5 μL to about 50 μL, about 5 μL to about 75 μL, about 5 μL to about 100 μL, about 10 μL to about 25 μL, about 10 μL to about 50 μL, about 10 μL to about 75 μL, about 10 μL to about 100 μL, about 25 μL to about 50 μL, about 25 μL to about 75 μL, about 25 μL to about 100 μL, about 25 μL to about 150 μL, about 50 μL to about 75 μL, about 50 μL to about 100 μL, about 50 μL to about 150 μL, about 50 μL to about 200 μL, about 50 μL to about 250 μL, about 100 μL to about 150 μL, about 100 μL to about 200 μL, about 100 μL to about 250 μL, about 100 μL to about 300 μL, about 100 μL to about 400 μL, about 100 μL to about 500 μL, about 200 μL to about 300 μL, about 200 μL to about 400 μL, about 200 μL to about 500 μL, about 300 μL to about 400 μL, about 300 μL to about 500 μL, or about 400 μL to about 500 μL.

10. The method according to any one of claims 1-9, wherein the composition enters a suprachoroidal space in at most 1 minute, at most 2 minutes, at most 3 minutes, at most 4 minutes, at most 5 minutes, at most 10 minutes, at most 15 minutes, at most 30 minutes, at most 45 minutes, at most 60 minutes, at most 75 minutes or at most 90 minutes; or in about 1 minute to about 3 minutes, about 1 minute to about 5 minutes, about 1 minute to about 7 minutes, about 1 minute to about 10 minutes, about 1 minute to about 15 minutes, about 3 minutes to about 5 minutes, about 3 minutes to about 7 minutes, about 3 minutes to about 10 minutes, about 3 minutes to about 15 minutes, about 5 minutes to about 7 minutes, about 5 minutes to about 10 minutes, about 5 minutes to about 15 minutes, about 5 minutes to about 30 minutes, about 10 minutes to about 15 minutes, about 10 minutes to about 30 minutes, about 15 minutes to about 30 minutes, about 15 minutes to about 45 minutes, about 15 minutes to about 60 minutes, about 15 minutes to about 75 minutes, about 15 minutes to about 90 minutes.

11. The method according to any one of claims 1-10, wherein the hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye is reduced or eliminated in at most 1 minute, at most 2 minutes, at most 3 minutes, at most 4 minutes, at most 5 minutes, at most 10 minutes, or at most 15 minutes, at most 30 minutes, at most 45 minutes, at most 60 minutes, at most 75 minutes or at most 90 minutes; or in about 1 minute to about 3 minutes, about 1 minute to about 5 minutes, about 1 minute to about 7 minutes, about 1 minute to about 10 minutes, about 1 minute to about 15 minutes, about 3 minutes to about 5 minutes, about 3 minutes to about 7 minutes, about 3 minutes to about 10 minutes, about 3 minutes to about 15 minutes, about 5 minutes to about 7 minutes, about 5 minutes to about 10 minutes, about 5 minutes to about 15 minutes, about 5 minutes to about 30 minutes, about 10 minutes to about 15 minutes, about 10 minutes to about 30 minutes, about 15 minutes to about 30 minutes, about 15 minutes to about 45 minutes, about 15 minutes to about 60 minutes, about 15 minutes to about 75 minutes, about 15 minutes to about 90 minutes.

12. A composition comprising a hyaluronidase for use in reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye.

13. Use of a composition comprising a hyaluronidase for reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye.

14. A composition comprising a hyaluronidase for use in the manufacture of a medicament for reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye.

15. The use according to any one of claims 12-14, wherein the composition is administered using a delivery system.

16. A delivery system comprising a composition including a hyaluronidase for use in reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye.

17. Use of a delivery system comprising a composition including a hyaluronidase for reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye.

18. A composition comprising a hyaluronidase for use in the manufacture of a medicament for reducing or eliminating a hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye, wherein the composition is contained in a delivery system.

19. The use according to any one of claims 12-18, wherein the composition is administered to a suprachoroidal space of the eye.

20. The method according to any one of claims 12-19, wherein the composition comprises the hyaluronidase in a concentration of at least 15 IU/mL, at least 25 IU/mL, at least 50 IU/mL, at least 100 IU/mL, at least 200 IU/mL, at least 300 IU/mL, at least 450 IU/mL, at least 600 IU/mL, at least 900 IU/mL, at least 1,000 IU/mL, at least 1,250 IU/mL, at least 1,500 IU/mL, at least 1,750 IU/mL, at least 2,000 IU/mL, at least 3,000 IU/mL, at least 4,000 IU/mL, at least 5,000 IU/mL, at least 6,000 IU/mL, at least 7,000 IU/mL, at least 8,000 IU/mL, at least 9,000 IU/mL, at least 10,000 IU/mL, at least 11,000 IU/mL, at least 12,000 IU/mL, at least 13,000 IU/mL, at least 14,000 IU/mL, at least 15,000 IU/mL, at least 16,000 IU/mL, at least 17,000 IU/mL, at least 18,000 IU/mL, at least 19,000 IU/mL, or at least 20,000 IU/mL; and/or in an amount of at most 15 IU/mL, at most 25 IU/mL, at most 50 IU/mL, at most 100 IU/mL, at most 200 IU/mL, at most 300 IU/mL, at most 450 IU/mL, at most 600 IU/mL, at most 900 IU/mL, at most 1,000 IU/mL, at most 1,250 IU/mL, at most 1,500 IU/mL, at most 1,750 IU/mL, at most 2,000 IU/mL, at most 3,000 IU/mL, at most 4,000 IU/mL, at most 5,000 IU/mL, at most 6,000 IU/mL, at most 7,000 IU/mL, at most 8,000 IU/mL, at most 9,000 IU/mL, at most 10,000 IU/mL, at most 11,000 IU/mL, at most 12,000 IU/mL, at most 13,000 IU/mL, at most 14,000 IU/mL, at most 15,000 IU/mL, at most 16,000 IU/mL, at most 17,000 IU/mL, at most 18,000 IU/mL, at most 19,000 IU/mL, or at most 20,000 IU/mL; or in an amount of about 15 IU/mL to about 25 IU/mL, about 15 IU/mL to about 50 IU/mL, about 15 IU/mL to about 100 IU/mL, about 15 IU/mL to about 200 IU/mL, about 15 IU/mL to about 300 IU/mL, about 15 IU/mL to about 400 IU/mL, about 15 IU/mL to about 450 IU/mL, about 15 IU/mL to

about 600 IU/mL, about 15 IU/mL to about 750 IU/mL, about 15 IU/mL to about 900 IU/mL, about 25 IU/mL to about 50 IU/mL, about 25 IU/mL to about 100 IU/mL, about 25 IU/mL to about 200 IU/mL, about 25 IU/mL to about 300 IU/mL, about 25 IU/mL to about 400 IU/mL, about 25 IU/mL to about 450 IU/mL, about 25 IU/mL to about 600 IU/mL, about 25 IU/mL to about 750 IU/mL, about 25 IU/mL to about 900 IU/mL, about 50 IU/mL to about 100 IU/mL, about 50 IU/mL to about 200 IU/mL, about 50 IU/mL to about 300 IU/mL, about 50 IU/mL to about 400 IU/mL, about 50 IU/mL to about 450 IU/mL, about 50 IU/mL to about 600 IU/mL, about 50 IU/mL to about 750 IU/mL, about 50 IU/mL to about 900 IU/mL, about 100 IU/mL to about 200 IU/mL, about 100 IU/mL to about 300 IU/mL, about 100 IU/mL to about 400 IU/mL, about 100 IU/mL to about 450 IU/mL, about 100 IU/mL to about 600 IU/mL, about 100 IU/mL to about 750 IU/mL, about 100 IU/mL to about 900 IU/mL, about 200 IU/mL to about 300 IU/mL, about 200 IU/mL to about 400 IU/mL, about 200 IU/mL to about 450 IU/mL, about 200 IU/mL to about 600 IU/mL, about 200 IU/mL to about 750 IU/mL, about 200 IU/mL to about 900 IU/mL, about 300 IU/mL to about 450 IU/mL, about 300 IU/mL to about 600 IU/mL, about 300 IU/mL to about 750 IU/mL, about 300 IU/mL to about 900 IU/mL, about 450 IU/mL to about 600 IU/mL, about 450 IU/mL to about 750 IU/mL, about 450 IU/mL to about 900 IU/mL, about 450 IU/mL to about 1,000 IU/mL, about 450 IU/mL to about 1,250 IU/mL, about 600 IU/mL to about 750 IU/mL, about 600 IU/mL to about 900 IU/mL, about 600 IU/mL to about 1,000 IU/mL, about 600 IU/mL to about 1,250 IU/mL, about 600 IU/mL to about 1,500 IU/mL, about 750 IU/mL to about 900 IU/mL, about 750 IU/mL to about 1,000 IU/mL, about 750 IU/mL to about 1,250 IU/mL, about 750 IU/mL to about 1,500 IU/mL, about 750 IU/mL to about 1,750 IU/mL, about 900 IU/mL to about 1,000 IU/mL, about 900 IU/mL to about 1,250 IU/mL, about 900 IU/mL to about 1,500 IU/mL, about 900 IU/mL to about 1,750 IU/mL, about 900 IU/mL to about 2,000 IU/mL, about 1,000 IU/mL to about 1,250 IU/mL, about 1,000 IU/mL to about 1,500 IU/mL, about 1,000 IU/mL to about 1,750 IU/mL, about 1,000 IU/mL to about 2,000 IU/mL, about 1,000 IU/mL to about 3,000 IU/mL, about 1,000 IU/mL to about 4,000 IU/mL, about 1,000 IU/mL to about 5,000 IU/mL, about 1,000 IU/mL to about 6,000 IU/mL, about 1,000 IU/mL to about 7,000 IU/mL, about 1,000 IU/mL to about 8,000 IU/mL, about 1,000 IU/mL to about 9,000 IU/mL, about 1,000 IU/mL to about 10,000 IU/mL, about 2,000 IU/mL to about 3,000 IU/mL, about 2,000 IU/mL to about 4,000 IU/mL, about 2,000 IU/mL to about 5,000 IU/mL, about 2,000 IU/mL to about 6,000 IU/mL, about 2,000 IU/mL to about 7,000 IU/mL, about 2,000 IU/mL to about 8,000 IU/mL, about 2,000 IU/mL to about 9,000 IU/mL, about 2,000 IU/mL to about 10,000 IU/mL, about 2,500 IU/mL to about 3,000 IU/mL, about 2,500 IU/mL to about 4,000 IU/mL, about 2,500 IU/mL to about 5,000 IU/mL, about 2,500 IU/mL to about 6,000 IU/mL, about 2,500 IU/mL to about 7,000 IU/mL, about 2,500 IU/mL to about 8,000 IU/mL, about 2,500 IU/mL to about 9,000 IU/mL, about 2,500 IU/mL to about 10,000 IU/mL, about 3,000 IU/mL to about 4,000 IU/mL, about 3,000 IU/mL to about 5,000 IU/mL, about 3,000 IU/mL to about 6,000 IU/mL, about 3,000 IU/mL to about 7,000 IU/mL, about 3,000 IU/mL to about 8,000 IU/mL, about 3,000 IU/mL to about 9,000 IU/mL, about 3,000 IU/mL to about 10,000 IU/mL, about 4,000 IU/mL to about 5,000 IU/mL, about 4,000 IU/mL to about 6,000 IU/mL, about 4,000 IU/mL to about 7,000 IU/mL, about 4,000 IU/mL to about 8,000 IU/mL, about 4,000 IU/mL to about 9,000 IU/mL, about 4,000 IU/mL to about 10,000 IU/mL, about 5,000 IU/mL to about 6,000 IU/mL, about 5,000 IU/mL to about 7,000 IU/mL, about 5,000 IU/mL to about 8,000 IU/mL, about 5,000 IU/mL to about 9,000 IU/mL, about 5,000 IU/mL to about 10,000 IU/mL, about 6,000 IU/mL to about 7,000 IU/mL, about 6,000 IU/mL to about 8,000 IU/mL, about

6,000 IU/mL to about 9,000 IU/mL, about 6,000 IU/mL to about 10,000 IU/mL, about 7,000 IU/mL to about 8,000 IU/mL, about 7,000 IU/mL to about 9,000 IU/mL, about 7,000 IU/mL to about 10,000 IU/mL, about 8,000 IU/mL to about 9,000 IU/mL, about 8,000 IU/mL to about 10,000 IU/mL, about 9,000 IU/mL to about 10,000 IU/mL, about 10,000 IU/mL to about 11,000 IU/mL, about 10,000 IU/mL to about 12,000 IU/mL, about 10,000 IU/mL to about 13,000 IU/mL, about 10,000 IU/mL to about 14,000 IU/mL, about 10,000 IU/mL to about 15,000 IU/mL, about 10,000 IU/mL to about 16,000 IU/mL, about 10,000 IU/mL to about 17,000 IU/mL, about 10,000 IU/mL to about 18,000 IU/mL, about 10,000 IU/mL to about 19,000 IU/mL, about 10,000 IU/mL to about 20,000 IU/mL, about 11,000 IU/mL to about 12,000 IU/mL, about 11,000 IU/mL to about 13,000 IU/mL, about 11,000 IU/mL to about 14,000 IU/mL, about 11,000 IU/mL to about 15,000 IU/mL, about 11,000 IU/mL to about 16,000 IU/mL, about 11,000 IU/mL to about 17,000 IU/mL, about 11,000 IU/mL to about 18,000 IU/mL, about 11,000 IU/mL to about 19,000 IU/mL, about 11,000 IU/mL to about 20,000 IU/mL, about 12,000 IU/mL to about 13,000 IU/mL, about 12,000 IU/mL to about 14,000 IU/mL, about 12,000 IU/mL to about 15,000 IU/mL, about 12,000 IU/mL to about 16,000 IU/mL, about 12,000 IU/mL to about 17,000 IU/mL, about 12,000 IU/mL to about 18,000 IU/mL, about 12,000 IU/mL to about 19,000 IU/mL, about 12,000 IU/mL to about 20,000 IU/mL, about 13,000 IU/mL to about 14,000 IU/mL, about 13,000 IU/mL to about 15,000 IU/mL, about 13,000 IU/mL to about 16,000 IU/mL, about 13,000 IU/mL to about 17,000 IU/mL, about 13,000 IU/mL to about 18,000 IU/mL, about 13,000 IU/mL to about 19,000 IU/mL, about 13,000 IU/mL to about 20,000 IU/mL, about 14,000 IU/mL to about 15,000 IU/mL, about 14,000 IU/mL to about 16,000 IU/mL, about 14,000 IU/mL to about 17,000 IU/mL, about 14,000 IU/mL to about 18,000 IU/mL, about 14,000 IU/mL to about 19,000 IU/mL, about 14,000 IU/mL to about 20,000 IU/mL, about 15,000 IU/mL to about 16,000 IU/mL, about 15,000 IU/mL to about 17,000 IU/mL, about 15,000 IU/mL to about 18,000 IU/mL, about 15,000 IU/mL to about 19,000 IU/mL, about 15,000 IU/mL to about 20,000 IU/mL, about 16,000 IU/mL to about 17,000 IU/mL, about 16,000 IU/mL to about 18,000 IU/mL, about 16,000 IU/mL to about 19,000 IU/mL, about 16,000 IU/mL to about 20,000 IU/mL, about 17,000 IU/mL to about 18,000 IU/mL, about 17,000 IU/mL to about 19,000 IU/mL, about 17,000 IU/mL to about 20,000 IU/mL, about 18,000 IU/mL to about 19,000 IU/mL, about 18,000 IU/mL to about 20,000 IU/mL, or about 19,000 IU/mL to about 20,000 IU/mL.

21. The use according to any one of claims 12-20, wherein the amount of hyaluronidase administered is at least 15 IU, at least 25 IU, at least 50 IU, at least 100 IU, at least 200 IU, at least 300 IU, at least 450 IU, at least 600 IU, at least 900 IU, at least 1,000 IU, at least 1,250 IU, at least 1,500 IU, at least 1,750 IU, at least 2,000 IU, at least 3,000 IU, at least 4,000 IU, or at least 5,000 IU; and/or in an amount of at most 15 IU, at most 25 IU, at most 50 IU, at most 100 IU, at most 200 IU, at most 300 IU, at most 450 IU, at most 600 IU, at most 900 IU, at most 1,000 IU, at most 1,250 IU, at most 1,500 IU, at most 1,750 IU, at most 2,000 IU, at most 3,000 IU, at most 4,000 IU, or at most 5,000 IU; or in an amount of about 15 IU to about 25 IU, about 15 IU to about 50 IU, about 15 IU to about 100 IU, about 15 IU to about 200 IU, about 15 IU to about 300 IU, about 15 IU to about 400 IU, about 15 IU to about 450 IU, about 15 IU to about 600 IU, about 15 IU to about 750 IU, about 15 IU to about 900 IU, about 25 IU to about 50 IU, about 25 IU to about 100 IU, about 25 IU to about 200 IU, about 25 IU to about 300 IU, about 25 IU to about 400 IU, about 25 IU to about 450 IU, about 25 IU to about 600 IU, about 25 IU to about 750 IU, about 25 IU to about 900 IU, about 50 IU to about 100 IU, about 50 IU to about 200 IU, about 50 IU

to about 300 IU, about 50 IU to about 450 IU, about 50 IU to about 600 IU, about 50 IU to about 750 IU, about 50 IU to about 900 IU, about 100 IU to about 200 IU, about 100 IU to about 300 IU, about 100 IU to about 450 IU, about 100 IU to about 600 IU, about 100 IU to about 750 IU, about 100 IU to about 900 IU, about 200 IU to about 300 IU, about 200 IU to about 450 IU, about 200 IU to about 600 IU, about 200 IU to about 750 IU, about 200 IU to about 900 IU, about 300 IU to about 450 IU, about 300 IU to about 600 IU, about 300 IU to about 750 IU, about 300 IU to about 900 IU, about 450 IU to about 600 IU, about 450 IU to about 750 IU, about 450 IU to about 900 IU, about 450 IU to about 1,000 IU, about 450 IU to about 1,250 IU, about 600 IU to about 750 IU, about 600 IU to about 900 IU, about 600 IU to about 1,000 IU, about 600 IU to about 1,250 IU, about 600 IU to about 1,500 IU, about 750 IU to about 900 IU, about 750 IU to about 1,000 IU, about 750 IU to about 1,250 IU, about 750 IU to about 1,500 IU, about 750 IU to about 1,750 IU, about 900 IU to about 1,000 IU, about 900 IU to about 1,250 IU, about 900 IU to about 1,500 IU, about 900 IU to about 1,750 IU, about 900 IU to about 2,000 IU, about 1,000 IU to about 1,250 IU, about 1,000 IU to about 1,500 IU, about 1,000 IU to about 1,750 IU, about 1,000 IU to about 2,000 IU, about 1,000 IU to about 3,000 IU, about 1,000 IU to about 4,000 IU, about 1,000 IU to about 5,000 IU, about 2,000 IU to about 3,000 IU, about 2,000 IU to about 4,000 IU, about 2,000 IU to about 5,000 IU, about 2,500 IU to about 3,000 IU, about 2,500 IU to about 4,000 IU, about 2,500 IU to about 5,000 IU, about 3,000 IU to about 4,000 IU, about 3,000 IU to about 5,000 IU, or about 4,000 IU to about 5,000 IU.

22. The method according to any one of claims 12-21, wherein the composition is administered as a single dose or in multiple doses.

23. The use according to any one of claims 12-22, wherein the composition or medicament is administered in a volume of at least 5 µL, at least 10 µL, at least 20 µL, at least 30 µL, at least 40 µL, at least 50 µL, at least 75 µL, at least 100 µL, at least 200 µL, at least 300 µL, at least 400 µL, or at least 500 µL; and/or in a volume of at most 5 µL, at most 10 µL, at most 20 µL, at most 30 µL, at most 40 µL, at most 50 µL, at most 75 µL, at most 100 µL, at most 200 µL, at most 300 µL, at most 400 µL, or at most 500 µL; or in a volume of about 5 µL to about 25 µL, about 5 µL to about 50 µL, about 5 µL to about 75 µL, about 5 µL to about 100 µL, about 10 µL to about 25 µL, about 10 µL to about 50 µL, about 10 µL to about 75 µL, about 10 µL to about 100 µL, about 25 µL to about 50 µL, about 25 µL to about 75 µL, about 25 µL to about 100 µL, about 25 µL to about 150 µL, about 50 µL to about 75 µL, about 50 µL to about 100 µL, about 50 µL to about 150 µL, about 50 µL to about 200 µL, about 50 µL to about 250 µL, about 100 µL to about 150 µL, about 100 µL to about 200 µL, about 100 µL to about 250 µL, about 100 µL to about 300 µL, about 100 µL to about 400 µL, about 100 µL to about 500 µL, about 200 µL to about 300 µL, about 200 µL to about 400 µL, about 200 µL to about 500 µL, about 300 µL to about 400 µL, about 300 µL to about 500 µL, or about 400 µL to about 500 µL.

24. The use according to any one of claims 20-23, wherein the composition or medicament enters a suprachoroidal space in at most 1 minute, at most 2 minutes, at most 3 minutes, at most 4 minutes, at most 5 minutes, at most 10 minutes, at most 15 minutes, at most 30 minutes, at most 45 minutes, at most 60 minutes, at most 75 minutes or at most 90 minutes; or in about 1 minute to about 3 minutes,

about 1 minute to about 5 minutes, about 1 minute to about 7 minutes, about 1 minute to about 10 minutes, about 1 minute to about 15 minutes, about 3 minutes to about 5 minutes, about 3 minutes to about 7 minutes, about 3 minutes to about 10 minutes, about 3 minutes to about 15 minutes, about 5 minutes to about 7 minutes, about 5 minutes to about 10 minutes, about 5 minutes to about 15 minutes, about 5 minutes to about 30 minutes, about 10 minutes to about 15 minutes, about 10 minutes to about 30 minutes, about 15 minutes to about 30 minutes, about 15 minutes to about 45 minutes, about 15 minutes to about 60 minutes, about 15 minutes to about 75 minutes, about 15 minutes to about 90 minutes.

25. The use according to any one of claims 12-24, wherein the hyaluronic acid-induced blockage in the one or more blood vessels supplying blood to the eye is reduced or eliminated in at most 1 minute, at most 2 minutes, at most 3 minutes, at most 4 minutes, at most 5 minutes, at most 10 minutes, at most 15 minutes, at most 30 minutes, at most 45 minutes, at most 60 minutes, at most 75 minutes or at most 90 minutes; or in about 1 minute to about 3 minutes, about 1 minute to about 5 minutes, about 1 minute to about 7 minutes, about 1 minute to about 10 minutes, about 1 minute to about 15 minutes, about 3 minutes to about 5 minutes, about 3 minutes to about 7 minutes, about 3 minutes to about 10 minutes, about 3 minutes to about 15 minutes, about 5 minutes to about 7 minutes, about 5 minutes to about 10 minutes, about 5 minutes to about 15 minutes, about 5 minutes to about 30 minutes, about 10 minutes to about 15 minutes, about 10 minutes to about 30 minutes, about 15 minutes to about 30 minutes, about 15 minutes to about 45 minutes, about 15 minutes to about 60 minutes, about 15 minutes to about 75 minutes, about 15 minutes to about 90 minutes.

26. A kit comprising one or more containers, each container including a pharmaceutical composition including a hyaluronidase.

27. The kit according to claim 26, wherein the pharmaceutical composition is in a liquid formulation.

28. The kit according to claim 26, wherein the pharmaceutical composition is in a dried formulation.

29. The kit according to any one of claims 26-28, wherein the one or more containers are each a delivery system.

30. The kit according to any one of claims 26-28, further comprising a delivery system.

31. The kit according to any one of claims 26-30, further comprising another container including a solvent.

32. The kit according to any one of claims 26-31, further comprising instructions.